



# KINNEY & LANGE

A PROFESSIONAL ASSOCIATION

PATENT, TRADEMARK,  
COPYRIGHT, AND RELATED  
INTELLECTUAL PROPERTY LAW

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ALANA L. BERGMAN  
(612) 339-1867

March 27, 2002

Assistant Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Patent Application of Zine-Eddine Boutaghou  
Appln. No. : 10 055,688  
Filed : January 23, 2002  
Title : ARMOR COATED MEMS DEVICES  
Our File No. : 169.12-0528

Dear Sir:

Enclosed for filing are the following papers in connection with the above-identified patent application:

1. Power of Attorney, and
2. Submission Under 37 C.F.R. 3.73(b) with photocopy of Assignment attached.

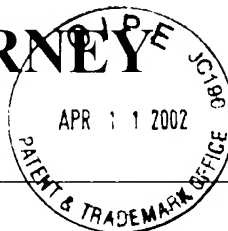
Respectfully submitted,

KINNEY & LANGE, P.A.

Alana L. Bergman

ATB:hlw  
Enclosures

# POWER OF ATTORNEY



Attorney Docket No.

169.12.0528

First Named Inventor Zine Eddine Boutaghoul

Title ARMOR COATED MEMS DEVICES

In the patent application:

identified above (and submitted to the Patent and Trademark Office herewith).

X Filed on January 23, 2002 as Application No. 10,055,688

I appoint the attorneys and agents associated with Customer Number 00164 to prosecute the patent application identified above and to transact all business in the Patent and Trademark Office connected therewith, including full power of association, substitution and revocation.

I ratify all prior actions taken by Kinney & Lange, P.A. or the attorneys and agents mentioned above in connection with the prosecution of the above-mentioned patent application.

I authorize Kinney & Lange, P.A. to mark the appropriate space above and to insert the filing date and application number of the application, as appropriate.

I aver that I am empowered by Seagate Technology LLC to act on behalf of the Assignee, Seagate Technology LLC, in connection with this document and the above application.

Please address all correspondence and telephone calls to Customer Number 00164, attention Alana T. Bergman, Telephone (612) 339-1863, Fax (612) 339-6580.

SEAGATE TECHNOLOGY LLC

Signature

Paul T. Dietz, Reg. No. 38,858

Title:

Patent Attorney

Dated:

March 20, 2002



## THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor	: Zine-Eddine Boutaghou	Group Art Unit: 2812 Examiner:
Appln. No.	: 10 055,688	
Filed	: January 23, 2002	
Title	: ARMOR COATED MEMS DEVICES	
Docket No.	: 169 12-0528	

## SUBMISSION UNDER 37 C.F.R. 3.73(b)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Seagate Technology LLC, a Delaware corporation, is an owner of the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or a copy of which is attached.


OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy of which is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy of which is attached.

3 From: To:  
The document was recorded in the Patent and Trademark Office at  
Reel: Frame: or a copy of  
which is attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on  
behalf of Seagate Technology LLC.

Signature:  Date: March 20, 2002  
Paul E. Dietz, Reg. No. 38,858  
Title: Patent Attorney

## ASSIGNMENT

Attorney Docket No. 169-12-0528  
Seagate Docket No. STL10509-01

WHEREAS we, Zine-Eddine Boutaghou, 307 Lily Pond Lane, Vadnais Heights, Minnesota 55127 U.S.A., Roger L. Hipwell Jr., 7562 Kimberly Lane, Eden Prairie, Minnesota 55346 U.S.A., and Wayne A. Bohm, 21 Black Oak Road, North Oaks, Minnesota 55127 U.S.A., are the inventors of an invention entitled ARMOR COATED MEMS DEVICES that is the subject matter of: (Check all that apply)

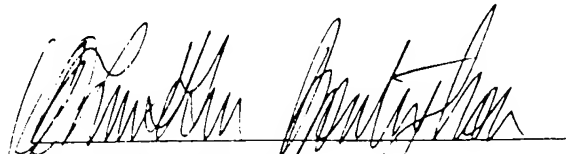
- ☒ a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 60/325,829 filed on September 27, 2001.
- ☐ an application for Letters Patent which has been executed on even date herewith and/or is identifiable in the United States Patent and Trademark Office by Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and
- ☐ an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and

WHEREAS, Seagate Technology, LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California, 95066 USA, ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection,

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention, and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

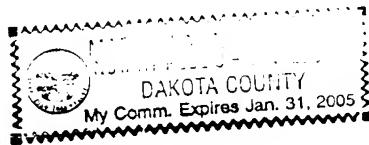
We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.


We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.

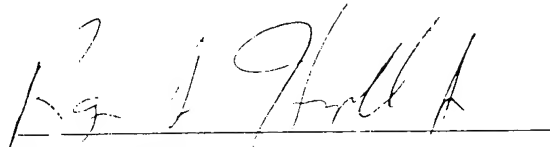
  
Zhe-Eddine Boutaghou

Subscribed and sworn to before me in the County of Hennepin, State of Minnesota, a Notary Public, this 21<sup>st</sup>  
day of January, 2002

(SEAL)

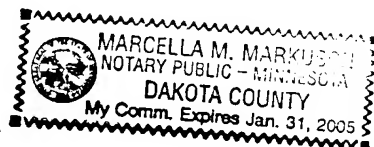



  
Marcella M. Markuson  
Notary Public


  
Roger L. Hipwel Jr.

Subscribed and sworn to before me in the County of Hennepin, State of Minnesota, a Notary Public, this 16<sup>th</sup>  
day of January, 2002

(SEAL)

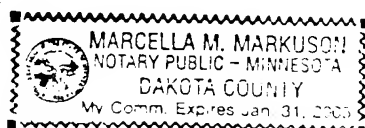


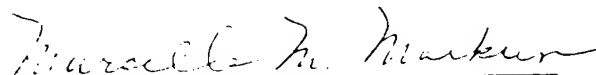
  
Marcella M. Markuson  
Notary Public

  
Wayne A. Bonin

Subscribed and sworn to before me in the County of Hennepin, State of Minnesota, a Notary Public, this 18<sup>th</sup>  
day of January, 2002

SEAL



  
Marcella M. Markuson  
Notary Public